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PATENT APPLICATION

IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

Applicant: Hiroyasu Inoue

Serial No.: 09/611,846

Patent No.: 7,136,140

Issue Date: November 14, 2006

Filed: 7/7/2000

Conf. No.: 6936

For: LIQUID CRYSTAL DISPLAY  
COMPRISING A LINEAR  
PROTRUSION STRUCTURE AND  
AN AUXILLIARY PROTRUSION  
STRUCTURE HAVING A WIDTH  
WIDER THAN THAT OF THE  
LINEAR PROTRUSION  
STRUCTURE FOR CONTROLLING  
AN ALIGNMENT OF LIQUID  
CRYSTAL

Art Unit: 2871

Examiner: Duong, Thoi V.

) I hereby certify that this paper is being deposited with the  
) United States Postal Service as FIRST-CLASS mail in an  
) envelope addressed to: Attention Certificate of Correction  
) Branch, Commissioner for Patents, P.O. Box 1450,  
) Alexandria, VA 22313-1450, on this date.

) 3/30/07

) Date

) F-CLASS.WCM

) Appr. February 20, 1998

*Joseph P. For*

Registration No. 41,760

Attorney for Applicant(s)

Certificate  
APR 06 2007  
of Correction

**REQUEST FOR CERTIFICATE OF CORRECTION UNDER RULE 322**

Attention Certificate of Corrections Branch  
Commissioner for Patents  
P.O. Box 1450  
Alexandria, VA 22313-1450

Dear Sir:

In accordance with 37 C.F.R. 1.322, patentees, through their attorneys,  
respectfully request that a Certificate of Correction be issued in the above-referenced patent.

The errors occurred as a result of mistakes on the part of the Patent and Trademark Office and the changes include the following:

In the Specification:

Col. 30, line 21, delete the following:

“1. A liquid crystal display comprising:

a CF substrate forming a color filter;

a TFT substrate forming a pixel electrode in each pixel;

liquid crystal having negative dielectric anisotropy sealed between the CF substrate and the TFT substrate; and

a structure provided to at least the CF substrate to control an alignment of the liquid crystal;

a storage capacitor wiring arranged under the structure on a side of the TFT substrate via an insulation film;

wherein a storage capacitor is formed by the storage capacitor wiring, the insulating film and the pixel electrode.”

and insert the following:

--1. A liquid crystal display comprising:

a first substrate having a first electrode;

a second substrate having a second electrode corresponding to a pixel;

liquid crystal having negative dielectric anisotropy sealed between the first and the second substrates; and

a structure which is provided on at least the first substrate to control an alignment of the liquid crystal;

wherein the structure on the first substrate has a linear protrusion structure, an auxiliary protrusion structure extending from the protrusion structure and opposing to each of facing end portions of the second electrode, and a width of the auxiliary protrusion structure wider than a width of the protrusion structure.--

therefor (from Specification, page 62, line 5, filed July 7, 2000).

## REMARKS

A Certificate of Correction incorporating the delineated change is enclosed in duplicate herewith. Original claim 9 was printed in the issued patent instead of allowed claim 1. Since the mistake was on the part of the Patent and Trademark Office, a Certificate of Correction should be issued without expense to the patentee and such is respectfully requested.

Respectfully submitted,

GREER, BURNS & CRAIN, LTD.

By



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## UNITED STATES PATENT AND TRADEMARK OFFICE CERTIFICATE OF CORRECTION

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PATENT NO. : 7,136,140 B1

APPLICATION NO.: 09/611,846

ISSUE DATE : November 14, 2006

INVENTOR(S) : Inoue et al.

It is certified that an error appears or errors appear in the above-identified patent and that said Letters Patent is hereby corrected as shown below:

In the Specification:

Col. 30, ln. 21, delete the following:

"1. A liquid crystal display comprising:  
a CF substrate forming a color filter;  
a TFT substrate forming a pixel electrode in each pixel;  
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and  
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a structure which is provided on at least the first substrate to control an alignment of the liquid crystal;  
wherein the structure on the first substrate has a linear protrusion structure, an auxiliary protrusion structure extending from the protrusion structure and opposing to each of facing end portions of the second electrode, and a width of the auxiliary protrusion structure wider than a width of the protrusion structure.--

MAILING ADDRESS OF SENDER (Please do not use customer number below):

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Chicago, IL 60606

This collection of information is required by 37 CFR 1.322, 1.323, and 1.324. The information is required to obtain or retain a benefit by the public which is to file (and by the USPTO to process) an application. Confidentiality is governed by 35 U.S.C. 122 and 37 CFR 1.14. This collection is estimated to take 1.0 hour to complete, including gathering, preparing, and submitting the completed application form to the USPTO. Time will vary depending upon the individual case. Any comments on the amount of time you require to complete this form and/or suggestions for reducing this burden, should be sent to the Chief Information Officer, U.S. Patent and Trademark Office, U.S. Department of Commerce, P.O. Box 1450, Alexandria, VA 22313-1450. DO NOT SEND FEES OR COMPLETED FORMS TO THIS ADDRESS. SEND TO: Attention Certificate of Corrections Branch, Commissioner for Patents, P.O. Box 1450, Alexandria, VA 22313-1450.

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